"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIKOWSKI, R.

Agate and quartz, two nonutilized Polish mineral raw materials. p. 111.

POMIARY, AUTOMATYKA, KONTROLA. (Naczelna Organizacja Techniczna) Warszawa, Poland. Vol. 5, No. 2, Mar. 1959

Monthly list of East European Accession (EEAL) LC, Vol. 8, No. 7, July 1959

Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIKOWSKI, R.

Shot for drilling and prospecting. p. 171.

PRZEGLAD GEOLOGICZNY. (Wydawnictwa Geologiczne)
Warszawa, Poland. Vol. 7, No. 4, Apr. 1959

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 7, July 1959

Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIKOWSKI, Roman

Testing the Polish SP-21 polishing machine for the preparation of polished sections. Przegl geol 9 no.6:318-319 Je '61.

1. Centralny Urzad Geologii.

(Poland—Grinding and polishing) (Poland—Geology)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

GALIKOWSKI, Roman; MUSTER, Henryk

Preliminary studies on the boring susceptibility of rocks. Przegl geol 9 no.8:424-425 Ag '61.

1. Politechnika Warszawska.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIKOWSKI, Roman, dr.,inz.

Contrubution to the analysis of work and of the methods of computing metallic props. Przegl gorn 17 no.12:624-628 '61.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

BALASIU, C.,; BRENNER, A.,; CALIMAN, N.,; CRISTIAN, A.,; CSUTAK,L,; HUTTMAN, A.,; SECEREANU, I.V.

Study of rheumatic diseases in a factory of refractory products. Probl. reumat., Bucur. Vol. II.:103-115 1954.

(RHEUMATISM
in workers in a factory of refractory products)
(OCCUPATIONAL DISEASES
of workers making refractory products)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

NICULESCU, M.; HUTTMANN, A.; STEFANESCU, C.R.; HENTU, V.; MESAROSIU, A.; CALIMAN, N.; DIMA, O.; DIMA, V.

Post-tonsillitis period. Probl. reumat., Bucur. Vol.II:151-160 1954.

(TONSILLITIS, compl.
rheum. dis.)
(RHEUMATIC HEART DISEASE, etiol. & pathogen. tonsillitis)
(RHEUMATISM, etiol. & pathogen.
tonsillitis)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 33061-66 T DJ/WE

ACC NR: AP6024223 SOURCE CODE: RU/0007/65/016/010/0573/0575

AUTHOR: Calimanescu, N.--Kelimanesku, N.

ORG: none

TITLE: Ventilation and lighting in the oil extractive industry

SOURCE: Petrol si gaze, v. 16, no. 10, 1965, 573-575

TOPIC TAGS: petroleum industry, ventilation engineering, safety engineering

ABSTRACT: The author discusses the principal measures that should be taken to assure effective ventilation and lighting of the work areas in the oil extraction industry. Attention to ventilation is especially important in this industry, as dangerous explosions as well as damage to the health of the workers may result from even relatively slight accumulations of dangerous gases. [JPRS]

SUB CODE: 13 / SUBM DATE: none

Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

Light resistance of dyes. C. Calin and S. Rosenberg. *Industria textila* (Bucharest) 7, 74-84(1956)(German summary).—The photochem. discoloration of a variety of dyes is discussed in the light of their chem. structure. Dyes (23) are given as examples.

Gary Gerard

2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

Factors affecting the light stability of dyed fabrics. C. Calin and I. Bazavan. *Industria textilă* (Bucharest) 7, 181-5(1958)(German summary).—A discussion.

Gary Gerard

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, C.

CALIN, C. Problems concerning determination of the fastness of textile dyes. p. 1.

Vol. 8, no. 11, Nov. 1956
STANDARDIZAREA
TECHNOLOGY
Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN - C.

RUMANIA/Chemical Technology - Chemical Products and Their Application. Industrial Synthesis of Dyestuffs. H-16

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 26131

Author : Calin C.

Inst : -

Title : Concerning the Uniformity of Dyestuffs.

Orig Pub : Ind. textila, 1957, 8, No 2, 69-74.

Abstract : The usual methods of determining the uniformity of dyestuffs (dusting test and fractionation dyeing) are considered and their flaws are pointed out. It is proposed to utilize chromatographic methods and particularly paper chromatography. A method has been worked out which is similar to chromatography on circular filters but utilizing rectangular pieces of paper. The method has been tested on mixtures of dyes: Chrysophenine with admixture of Brilliant Yellow and Acid Brilliant Red (aniline --> 1-acetylamino-8-naphthnol-3,6-disulfonic acid)

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

RUMANIA/Chemical Technology. Chemical Products and Their Applications. Dyeing and Chemical Treatment of Textile Fabrics. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21942

Author : Calin, C., Bazavan, I.
Inst : -
Title : The Determination of the Color-Fastness of Dyes of Textile Materials.

Orig Pub : Ind. textila, 1958, 9, No 6, 228-230

Abstract : Results of the comparative determination of color-fastness of 50 dyes by two methods which were specified in project No 117 ISO are cited. Essential differences in the results of the evaluation are noted. -- K. Markuze

Card : 1/1

H-169

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

COUNTRY : Rumania
CATEGORY : H-34

ABS. JOUR. : RZKhim., No. 21 1959, No. 77120

AUTHOR : Gatin, C. and Scherzer, S.
INST. : Not given
TITLE : Methods Used for the Determination of the Fastness of Dyeings (Theory and Practice)

ORIG. PUB. : Standardizarea, 10, No 10, 485-490 (1958)

ABSTRACT : A review article (existing methods, including the most recent methods, accepted by the international commission [sic]; the work of Soviet researchers: Terenin, Sadov, Bogoslovskiy; the need for a revision of existing Rumanian standards). The bibliography lists 26 titles.

D. Kanter

CARD: 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

COUNTRY : RUMANIA
CATEGORY : Chemical Technology. Chemical Products and Their Uses. Part 4. Dyeing and Chemical*
ABS. JOUR. : RZKhim., No. 1 1960, No. 3328

AUTHOR : Calin, C.
INST. : -
TITLE : On the Chemism of Fading of Color

ORIG. PUB. : Ind. text. (RPR), 1959, 10, No 1, 20-22

ABSTRACT : Taking o-oxyazo dyes as an example, it was shown that the fading of color on fabrics from cellulose fibers in the air under the action of sun rays is accompanied by oxidative hydroxylation of a dye, as a result of which it acquires the ability to produce copper complexes. Fading of colors on wool

*Treatment of Textiles

CARD: 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

COUNTRY : Rumania H-34
CATEGORY :

ABS. JOUR. : RZKhim., No. 5 1960, No. 20497

AUTHOR : Calin, C., Rosenberg, S., and Dinca, V.
INST. : Not given
TITLE : The Dyeing of Polyamide Fibers with Anion-type Dyes. Communication II. Direct Dyes.

ORIG. PUB. : Ind Text (RPR), 10, No 4, 148-152 (1959)

ABSTRACT : Differences are shown in the behavior of direct dyes towards polyamide and cellulose fibers as well as differences in the action of individual dyes on polyamide fibers. Optimum dyeing conditions, percent selectivity, saturation limits, migration tendency [sic], and various fastness indices have been determined for a number of anion-type dyes on polyamide fibers. Difficulties in the dyeing of polyamide fibers with direct dyes and limitations to the use of dye mixtures are noted. For Communication I see RZhKhim, 1959, No 18, 66736.

CARD: 1/1 413 O. Golosenko

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN,C., ing.

Reactive dyestuffs. Ind text Rum 12 no.8:325-329 Ag'61.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

SURNAME, Given Names Calin, C.

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Revista de Chimie, Vol 12, No 8, Aug 1961, pp 494-497.

Data: "Methods of Estimating the Dispersing Properties of the Surface Active Agents Used in Dyeing Textile Materials."

Authors:

CALIN, C., -Engineer.-
SUSZER, A., -Engineer.-
IONESCU, Elena, -Engineer.-

GPO 981643

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

SANIELEVICI, H.; SPILIADIS, A.; BADIC, E.; CALIN, C.; ROSENBERG, S.

Dyestuffs for synthetic fibers. Pt.1. Rev chimie Min petr 13 no.7:411-420 Jl '62.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, C.; SANDULESCU, Valeria

Determination of sulfur dyestuffs by bisulfitation. Rev chimie Min petr 13 no.11:690-692 N '62.

1. Laboratorul central coloristic.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, C., ing.

Progress in the field of dyestuff application reported by the technical literature in 1962. Ind text Rum 14 no.12: 580-586 D'63.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, C., ing.; SANDULESCU, Valeria, ing.

Some methods for indentifying dyes of unknown structure. Ind text Rum 15 no.10:531-534 O '64.

1. Ministry of the Petroleum and Chemical Industry.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 64815-65 EWP(j) RM

ACCESSION NR: AP5023228 RU/0003/64/015/010/0611/0623

AUTHOR: Calin, C.; Ionescu, Elena

TITLE: Structure of acid dyes and their coloring action

15
B

SOURCE: Revista de chimie, v. 15, no. 10, 1964, 611-623

TOPIC TAGS: dye chemical

ABSTRACT: A report on the work of the Central Dyeing Laboratory of the Rumanian People's Republic for determining the dying behavior of the acid dyes manufactured in Rumania in order to prescribe optimum application conditions. Some information is also given on the influence of the pH of the dyeing bath on the adherence of dyes to wool fibers and on resistance to wet treatment and migration, and some conclusions are drawn concerning the structure of acid dyes in general. Orig. art. has: 1 formula, 1 figure, 10 tables, 8 graphs.

ASSOCIATION: none

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 64815-65

ACCESSION NR: AP5023228

SUBMITTED: 00 ENCL: 00 SUB CODE: GC

NR REF SOV: 000 OTHER: 018 JPRS

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 64813-65 EWP(j) RM

ACCESSION NR: AP5023229 RU/0003/64/015/010/0624/0629

AUTHOR: Galin, C.; Sandulescu, Valeria

TITLE: Identification of some secondary dyes in the direct R black product (C.I. 30245)

SOURCE: Revista de chimie, v. 15, no. 10, 1964, 624-629

TOPIC TAGS: dye chemical

ABSTRACT: A study on the effect of "parasitic" secondary dyes which can be detected chromatographically. The authors show that the addition of up to 0.5 percent of the parasitic dyes does not change the resistance of the base dye, and that the addition of varying proportions of secondary dyes can be used to change the hue of the resulting color. Orig. art. has: 27 formulas, 2 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: GC

NR REF SOV: 000 OTHER: 009 JPRS

Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, C., ing.; SANDULESCU, Valeria, ing.; TIBREA, Eugenia, ing.

A new method for determining the solubility of dyes. Ind text Rum 15 no.11:590-594 N '64.

1. Coloristic Central Laboratory of the Ministry of the Petroleum and Chemical Industry.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 33723-66

ACC NR: AP6025159 SOURCE CODE: RU/0012/65/061/004/0611/0615

AUTHOR: Menaide, I. (Doctor; Colonel); Calin, V. (Major; Doctor); Calin, E. (Doctor); Ionescu, P. (Doctor; Lieutenant colonel)

ORG: none

TITLE: Considerations on sprains of the knee joint in military environments

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 611-615

TOPIC TAGS: skeletal mechanics, injury, military medicine

ABSTRACT: The authors analyze the cases of sprained knees treated during the last 6 years at their hospital. They find that knee injuries represent a relatively high proportion of the total number of injuries treated, that early treatment is most effective, and that the Hey-Groves-Smith method of treating ruptures of crossed ligaments, which they tried in a small number of cases, gives good to excellent results. [JPRS: 33,500]

SUB CODE: 06/ SUBM DATE: 22Jan65/ ORIG REF: 005/ OTH REF: 002

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Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, G. ; POPOVICI, M.

Some data on linear stands of prestressing. p. 85.

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerul Constructiilor si al Materialelor de Constructii) Bucuresti, Rumania. Vol. 11, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, G.
SURNAME, Given Names

Country: Rumania

Academic Degrees: -Engineer-

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, Vol XIII, No 12, Dec 1961, pp 28-29.

Data: "Pipes from Pre-Compressed Concrete."

GPO 981643

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN L.

Contributions to the procedure of reducing the time for removing forms from monolithic industrial reinforced-concrete structures. p. 646.

Vol. 7, no. 284, June 1955
CONSTRUCTORUL
Bucuresti, Rumania

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, L.

Rumania/Chemical Technology. Chemical Products and Their Application -- Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5332

Author: Calin, L.

Institution: None

Title: Current State of the Problem of Utilization of Blast Furnace Slag in the Making of Concrete

Original Publication: Ind. constructiilor si mater. constr., 1956, 7, No 3, 175-180

Abstract: Description of the production of various building elements from concrete made with blast furnace slag.

Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CRUSOS, G., ing.; BOERIU, I., inginer sef; ROSSIN, Eugen; BACANU, Maria, ing. sef; CALIN, Liviu, ing.

Advanced technology and increase of labor productivity. Probleme econ 17 no.2:151-152 F '64.

1. Director, Fabrica Unirea, Iasi (for Crusos). 2. Fabrica Unirea, Iasi (for Boeriu). 3. Director, Intreprinderile pentru Industria de Bumbac, Bucuresti (for Rossin). 4. Director, Tesatoria Suveica, Bucuresti (for Bacanu). 5. Tesatoria Suveica, Bucuresti (for Calin).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

ALTFATER, Zoltan; SOBODOS, Ana; BACANU, Maria, ing.; CALIN, Liviu.

Labor productivity in the light industry. Probleme econ 17 no.5: 161-162 My '64.

1. Director, "Industria Textila Ardeleana" Enterprise, Satu Mare (for Altfater). 2. Chairman of the Trade-Union Committee, "Industria Textila Ardeleana" Enterprise, Satu Mare (for Sobodos). 3. Director, the "Suveica" Weaving Mill, Bucharest (for Bacanu). 4. Chief Engineer, the "Suveica" Weaving Mill, Bucharest (for Calin).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, L., ing.

Progress in agricultural constructions. Rev constr si mat constr 16 no.9:445-450 S '64.

1. Head of Section, State Committee for Constructions, Architecture, and Town Planning.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, N.; BARBOI, M; COCIU, M.

The effect of simple and progressive wages on the unit cost of driving drifts in mines.

p. 45
Vol. 7, no. 1, Jan. 1956
REVISTA MINELOR
Bucuresti

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

GALIN, N.

Surname (in caps); Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: Director of the "Pavel Teacenco" State Farm (Directorul Gospodariei Agricole de Stat "Pavel Teacenco"), Faurei Raion, Galati Regiune.

Source: Bucharest, Probleme Zootehnice si Veterinare, No 7, Jul 61, pp 72-73.

Data: "Harvesting of Lucerne for Hay at the "Pavel Teacenco" State Farm."

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

SAVULESCU, Alice, acad.; ESANU, V.; CALIN, Neli; NEGULESCU, Florica; GROSSU, Maria; HURGHISIU, Ileana

Morphologic, anatomic, physiological, and biochemic characteristics of some species of potatoes with different degrees of resistance to Phytophthora infestans (Mont.) de Bary fungus attack. Studii cerc biol s. bot 17 no.1:71-84 '64.

1. Laboratory of Phytopathology and Microbiology, "Traian Savulescu" Institute of Biology. Submitted August 5, 1964.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, S.

Automatization of power production processes, p. 219. ENERGETICA. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerului Energiei Electrice si Industriei Electrotehnice) Bucuresti. Vol. 4, no. 5, 1956.

SOURCE: East European Acessions List, (EEAL), Library of Congress, Vol. 5, No. 11, November, 1956.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

R/002/61/000/009/001/012
D015/D105

AUTHOR: Călin Sergiu, Engineer, University Assistant, Candidate of Technical Sciences

TITLE: The use of automation and cybernetics in communism

PERIODICAL: Ştiinţă şi Tehnică no. 9, 1961, 3-4

TEXT: The article deals with the role of automation and cybernetics in industrial development. In the USSR an automatic automobile and tractor piston plant was put into operation in 1950. Other similar plants in the USSR are the No. 1 Ball Bearing Plant in Moscow, with a number of automatic sections; the Heavy Machine Plant in the Ural', where an automatic "1,300" blooming mill, with the control panel equipped with industrial TV, is under construction; the Siderurgical Plant in Krivoy Rog with a large open-hearth furnace controlled by 200 electronic devices; another large combine in Krivoy Rog where all enriching processes of ferruginous quartzite are mechanized or automated and observed by industrial TV; and the "2,500" Rolling Mill in Magnitogorsk weighing 30,000 t and controlled by 5 workers who co-ordinate the operation of 1,800 automatic mechanisms by industrial TV. The Tractor Plant in Stalingrad produces radio-

Card 1/2

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

R/002/61/000/009/001/012
D015/D105

The use of automation and cybernetics in communism

controlled tractors equipped with "Ivan Loginov" automatic devices. The All-Union Institute of Nuclear Research in Dubna has been equipped with automatic and cybernetic devices for analyzing the results of nuclear research. Administrative office work in the USSR is also being automated by employing devices equipped with electronic computers. A continuous electronic computer for determining the most efficient methods of exploiting crude oil and gas deposits, an automatic system for controlling production processes and an automatic pneumatic regulator have also been developed in the Soviet Union. Major Yuriy Gagarin and Major German Titov owe their successful space flights to automation. Professor Boris Sotskov, corresponding member of the Academy of Sciences of the USSR, stated that automation makes progress in space flight possible. Reference is made to Khrushchev's statements on automation at the 21st Congress of the Communist Party of the Soviet Union. There are 3 figures.

Card 2/2

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

45747

S/194/62/000/012/015/101
D201/D308

16,8000

AUTHOR: Călin, S.

TITLE: General synthesis of automatic control systems using logarithmic magnitude-frequency characteristics of open-loop systems

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 33-34, abstract 12-2-66 yu (Bul. Inst. politehn. Bucureşti, v. 23, no. 2, 1961, 175-191 (Rum.; summaries in Rus., Eng., Fr. and Ger.))

TEXT: Instead of the known three-stage method of synthesis of an automatic control system (ACS) (determination of the transfer function of the closed-loop transfer function and of the ACS parameters), a method consisting of two stages is suggested for linear systems: the determination of the open-loop transfer function of the system and the design of components. The open-loop transfer function is determined from the log magnitude-frequency characteristic of the open-loop system. The magnitude characteristic of

Card 1/2

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

the open-loop system is determined from that of the closed-loop, the transition being made with simplified characteristics, taking into account main poles only instead of the complete expressions for transfer functions as in the usual method. A simple graphical method of determining the amplitude-frequency characteristic of the open-loop from that of the closed-loop system, is also given. An example of calculation is given. [Abstracter's note: Complete translation.]

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, S.

Approximate determining of transitory performances in the real characteristic of frequency. Probleme automatiz 4:25-36 '63.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, S., conf. ing.; IONESCU, V., ing.

Using the method of second order equivalent system for the optium tuning of PI controllers. Automatica electronia 7 no.6:261-269 N-D'63.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN, Sergiu

Synthesis of series correcting circuits by using the method of the equivalent system of the 2d order. Bul Inst Politeh 25 no.4:107-121 Jl-Ag '63.

1. Department of Automations, Bucharest Polytechnic Institute.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

PENESCU, Cornel; CALIN, Sergiu; CHENZBRAUN, Iosub

Study on the possibility of utilizing the RD-11 relay in electric networks of Rumania. Bul Inst Politeh 26 no.1: 115-140 Ja-F '64.

1. Chair of Automation, Polytechnic Institute, Bucharest.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 54480-65 EPF(c)/EPR/EPA(bb)-2/EWP(t)/EWP(b) Pr-4/Ps-4 BW/JD/DJ

ACCESSION NR: AP5017721 RU/0017/64/000/010/0451/0454

AUTHOR: Barozzi, D. (Engineer); Calin, V. (Engineer)

TITLE: New method for the casting of bimetalic bearings with anti-frictional materials for Co Co 2100 HP-Type electric diesel

SOURCE: Metalurgia, no. 10, 1964, 451-454

TOPIC TAGS: ball bearing, metal casting, locomotive

ABSTRACT: The authors propose for adoption in Rumania the centrifugal casting of bimetallic bearings by means of heating in an electrolyte. They find that this method allows the rapid heating and cooling of the anti-frictional material and ensures a good adhesion between this material and the steel. Orig. art. has 6 figures, 2 graphs and 3 tables.

ASSOCIATION: Atelierele de reparatii automotoare, Brasov (Motor Vehicles Repair Shops)

SUBMITTED: 00 ENCL: 00 SUB CODE: ME, IE

NO REF SOV: 000 OTHER: 000 JPRS

Card 1/1

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

L 33723-66

ACC NR: AP6025159 SOURCE CODE: RU/0012/65/061/004/0611/0615

AUTHOR: Menaide, I. (Doctor; Colonel); Calin, V. (Major; Doctor); Calin, E. (Doctor); Ionescu, P. (Doctor; Lieutenant colonel)

ORG: none

14
B

TITLE: Considerations on sprains of the knee joint in military environments

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 611-615

TOPIC TAGS: skeletal mechanics, injury, military medicine

ABSTRACT: The authors analyze the cases of sprained knees treated during the last 6 years at their hospital. They find that knee injuries represent a relatively high proportion of the total number of injuries treated, that early treatment is most effective, and that the Hey-Groves-Smith method of treating ruptures of crossed ligaments, which they tried in a small number of cases, gives good to excellent results. [JPRS: 33,500]

SUB CODE: 06/ SUBM DATE: 22Jan65/ ORIG REF: 005/ OTH REF: 002

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Card 1/1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALIN VASILESCU, A.

Computing the quality and condition of gases in case of the supercharging of an internal combustion engine using an active turbine with exhaust gas. p. 195

STUDII SI CERCETARI DE ENERGETICA
Bucuresti, Rumania
Vol 9, no. 2, 1959

Monthly list of European Accession Index (EEAI) LC Vol. 8, No. 11
Novmeber 1959
Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

FLORIAN, Petru, prof. (Dej); MARUSTERU, St., (Baia Mare); HERLING, C., student; PIRSAN, L.C., student (Bucuresti); IONESCU-TIU, C.; COSTACHESCU, C.V.; LAMBA, Stelian (Constanta); LIVIU, Petre (Pucioasa); STRATESCU, Ion, student; BRINZANESCU, V., elev (Constanta); KLIM, Bratu, student (Bucuresti); TEMPEANU, C. (Hunedorara); CALINESCU, Aurelian (Brasov); MUNTEANU, Valentin (Cluj); OPREA, Miron (Ploiesti); MIHAILEANU, N.; TIGANOIU, Al., inginer; Buicliu, Gh.; POPA, Eugen I. (Iasi)

Proposed problems. Gaz mat B 14 no.8:481-485 Ag '63.

1. Institutul Politehnic Bucuresti (for Herling).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

STEIN, M., ing.; BADESCU, C., ing.; CALINESCU, C., arhitect

Considerations on the main diagrams and arrangement of electric installations in industrial electric stations. Energetica Rum 12 no.12:604-610 D '64.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

DAVID, Vladimir M., ing.; STANESCU, Dumitru, A., ing.; BIMBEA, I., ing.
CALINESCU, I., ing.; GHERGHEL, C., ing.; PAVEL, Gh., ing.;
TAFLAN, M., ing.; BOSTAN, V., ing.; KABA, E., ing.

Manufacturing metallurgic coke from gas coal by the classic method. Metalurgia Rum 15 no.5:338-345 My '63.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINESCU, Maria

Some observations on the microrelief of the Comlod valley basin.
Probleme geog 7:159-166 '60. (EEAI 10:3)
(Transylvania--Geomorphology)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINESCU, Maria

Methods of studying slopes, applied to the plain of Transylvania.
Probleme geog 8:183-190 '61.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

MORARU, T.; CALINESCU, Maria; PLATAGEA, Gh.; POPA, Gh.; POSEA, Aurora

Contributions to the physiographic study of the Tirnava Mica Valley. Probleme geog 9:157-178 '62. (publ. '63)

1. Membru corespondent al Academiei R.P.R. (for Moraru).

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CALINESCU, Maria

"Studies in Hungarian Geographical Science." Reviewed by Maria Calinescu. Probleme geog 9:364-366 '62. (publ. '63)

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OPREANU, I., Prof.; CONSTANTINESCU, D., dr.; SDIC, L., dr.; CALINESCU, N.V., extern

Vegetative sciatica, an exceptional form of vertebral sciatica.
Med. intern., Bucur. 11 no.12:1815-1817 '59.
(SCIATICA)

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CALINESCU, P.

CALINESCU, P. Prefabricated parts for roofs of industrial plants. p. 3.

Vol. 7 no. 305, Nov. 1955
CONSTRUCTORUL
Bucuresti, Rumania

So: Eastern European Accession Vol, 5 No. 4 April 1956

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CALINESCU, P. ; STANESCU,N.

Using cellular concrete in constructions. p. 607.

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerul Constructilor si al Marerualelor de Constructii) Bucuresti, Rumania. Vol. 10, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.6, June 1959

Uncl.

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CALINESCU, P., STANESCU, N., DOBRESCU, C.

Corrosion of the mild steel reinforcement in cellular concrete. p. 361

REVISTA CAILOR FERATE. (Caile Ferate Romine) Bucuresti, Rumania., Vol. 7, No. 7, July 1959

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Uncl.

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CALINESCU, P.

Foundation-soil vibrations.

REVISTA CONSTRUCTILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerul Constructiilor si al Materialelor de Constructii) Bucuresti, Rumania Vol. 11, no. 3, Mar. 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

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CALINESCU, P., ing.

Conservation of reinforcement in autoclaved cellular concrete roof slabs. Bul cerc constr sistemat no.2:63-76 '62.

1. Institutul de cercetari in constructii si economia constructiilor.

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CALINESCU, R.

Additions to the study of "shibliac" shrubberies in Rumania. P. 76.
(REVISTA PADURILOR. Vol. 71, no. 2. Feb. 1957. Rumania)

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Page 78

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CALINESCU, R.

The geographical distribution of sciurines in Rumania and their role as evildoers in agriculture and silviculture. p. 207.
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SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957, Uncl.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINESCU, Raul, prof. univ. (Bucuresti)

"Course of biogeography" by P. Birot. Reviewed by Raul Calinescu. Natura Geografie 14 no.2:86-87 Mr-Ap '62.

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CALINESCU, Raul

"The content and tasks of biogeography" by A.G.Voronov, L. N. Sobolev. Reviewed by Raul Calinescu. Probleme geog 9:362-363 '62. (publ. '63)

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CALINESCU, Raul, prof. dr.

"The mammalia of Soviet Russia" by V.G. Gepner, N.P.Naumov. Vol.1. Reviewed by Raul Calinescu. Studii cerc biol anim 15 no.1:150-152 '63.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

RUMANIA / Microbiology. Human and Animal Pathogens. F
Corynebacteria.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5630.

Author : Csiky, B.; Calinescu, V.
Inst : Not given.
Title : Study of Harmlessness and Effectiveness of Purified Diphtheria Toxoid Adsorbed on Aluminum Phosphate or Aluminum Hydroxide.

Orig Pub: Microbiol., parazitol. si epidemiol., 1957, 2, No 6, 531-535.

Abstract: No abstract.

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APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

Calinescu, V.

CALINESCU, V.

CALINESCU, V. New technique in the manufacture of metallic articles of mass consumption. p. 74.

Vol. 8, no. 2, Feb. 1956.
METALURGIA SI CONSTRUCTIA DE MASINI.
TECHNOLOGY
RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

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CALINESCU, V.

Economy of metals achieved through rational planning. p. 7

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CALINESCU, Valentin, ing.

On the introduction of group technology for the mechanical processing at the Semanatoarea Plants. Metalurgia constr mas 14 no.1: 61-67 Ja '62.

1. Uzina "Semanatoarea," Bucuresti.

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CALINESCU, Valentin, ing.; CANEA, Alexandru, ing.

Rationalization of internal transport in machine building plants. Metalurgia constr mas 14 no.6:534-545 Je '62.

1. Uzina Semanatoarea, Bucuresti.

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CALINESCU, V., ing.

Two examples of the practical application of the instantaneous observation method at the Semanatoarea Works. Metalurgia si constr mas 15 no.3:259-263 Mr '63.

1. Uzinele Semanatoarea, Bucuresti.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINESCU, Valentin, ing.

Critical tracing method, a new method for planning and controlling the economical execution of achievement stages of the objectives of industrial activity. Constr mas 16 no.7:378-382 Jl '64.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

PROCESSES AND PROPERTIES INDEX

Depolarisation of light which traverses suspensions and colloids in relation to the radius of the particles. N. CALLINESCU (Ann. Sci. Univ. Jassy, 1935, 20, [illegible]).—For suspensions of $CaCO_3$ and H_3BO_3 in petrol and V_2O_5 in H_2O the angle of depolarisation is ∝ the radius of the particles, the proportionality factor decreasing in the order given. The min. radius at which depolarisation can be observed is <0·001 mm. for $CaCO_3$ and H_3BO_3, and 0·005 mm. for V_2O_5. R. S. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, NICOLAE

RUMANIA/Chemistry
Salinity
Marine Research

Jul/Dec 1946

"On the Correlations Between the pH, Salinity and Oxygen Concentration Values of the Black Sea," Virgilin G. Gheorghiu, Nicolae Calinicenco, 10 pp

"Bul Politchnicci 'Gh Asachi' din Iasi" Vol I, No 2

Electric conductivity, density, temperature, refractive index, salinity, oxygen concentration, pH and their interrelations were studied in 1935 - 1938 and found to be functions of position, time, depth, meteorological factors, etc. Present article treats only subject values. Statistical results give the correlation between salinity and pH as $r = -0.44$, between pH and oxygen concentration as $r = +0.31$, between salinity and oxygen concentration as $r = 0.04$, etc.

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

Ca

H

Daily variations of the pH of the water of the Black Sea. Virgiliu G. Gheorghiu and Nicolae Calinescu. *Rev. Stiintifică "V. Adamachi"* 32, 248-9(1946).—The pH of water samples near Agigea was detd. during the period of Aug. 20-30, 1938. The salinity remained practically unchanged during this period. The pH value varied from 8.07 to 8.41. A daily cycle could be established, having its max. value at around 3-5 p.m. and its min. value at around 5-6 a.m. This is due to photosynthesis by the algae, and it is more pronounced near the shore because of the larger amt. of marine vegetation and the absence of a vertical current. F. Kert-Kess

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

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AUTHOR INDEX

1ST AND 2ND LETTER

3RD AND 4TH ORDERS

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

A

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The correlation between the pH and the salinity of water from the Black Sea. Virgiliu G. Gheorghiu and Nicolae Caliuicenco. *Compt. rend. acad. sci. Roumaine* 8, 54-9(1946-1947); cf. *C.A.* 41, 5763a.—The correlation coeff. varies between −0.20 and −0.54 for the surface samples studied. H. R. Wirth

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN

MATERIALS INDEX

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AUTHOR INDEX

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, N.

Distr: 4E2c

Electroerosion of several metals. N. Calinicenco, C. Ruscior, and Cornelia Clobanu. *Bul. inst. politeh. Iaşi* [N.S.], 3, 55-60(1957); cf. *C.A.* 51, 11840h.—The erosion of 2 electrodes of Fe, Ni, Cu, Al, and Mg, caused by a spark discharge in air and in paraffin oil, was studied as a function of c.d. and of the capacity of a condenser mounted in parallel with the electrodes. The cathodic and anodic erosion per unit elec. energy decreased with increasing c.d. and was larger in oil than in air. The erosion increased with shunting capacity and was also larger in oil than in air; however, the rate of increase in oil became small at higher capacities. The total erosion per spark increased linearly with current for almost all the metals investigated; in air it was more pronounced for the more oxidizable metals, while the reverse was true in oil. An increase in the shunting capacity raised the total erosion per spark both in air and in oil. This increase was linear in most of the cases studied, and most pronounced in oil for the less oxidizable metals. The observed phenomena could not be readily interpreted, but are believed to be due to thermal processes.

S. A. Stern

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, N.

RUMANIA/Cosmochemistry, Geochemistry, Hydrochemistry. D.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46329

Author : T.T. Vescan, N. Calinicenco
Inst : -
Title : Radioactive Springs in Rumania.

Orig Pub : Gaz. mat. si fiz., 1957, A9, No 9, 473-475

Abstract : A brief review of work of Rumanian scientists in the field of the study of radioactive springs is presented. A characterization of radioactive springs in Rumanian health resorts Beyle - Bruklane, Syndzhorz - Bay, Dzhoadzhiu, Valya - Vinuluy, Borsek and others is given.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, N.; NICHITA, O.; VISCRIAN, I.; TIBU, Margareta; ANTONESCU, V.

Contributions to the study and measurement of the radioactivity of certain rocks. Studii fiz tehn Iasi 10 no.1:67-72 '59 (EEAI 9:3)

1. Filiala Iasi a Academiei Republicii Populare Romine.
(Rocks) (Radioactive substances)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

S/169/62/000/012/032/095
D228/D307

AUTHORS: Antonescu, V., Galinicenco, N., Nechita, O., Onu, C., Rusu, Gh. Ilie, Tomozei, Cl., Tibu, M., Vescan, T.T. and Viscrian, I.

TITLE: Investigation of the radioactivity of some rocks around the mines of Rodna Veche-Valea Vinului

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 46-47, abstract 12A378 (Studii şi cercetări ştiinţ. Acad. RPR Fil. Iaşi, Fiz. şi ştiinţe tehn., 12, no. 1, 1961, 31-33 (Rum.; summaries in Rus. and Eng.))

TEXT: The authors investigated the radioactivity of chlorite-schist, andesite, and sericite-schist samples from the area of the old mines of Rodna Veche-Valea Vinului in the Rodna Massif (Rumanian People's Republic). The results of measuring the radioactivity of samples show that the ratio of the number of readings per second in the presence of 1 mm Al to the number of readings without Al varies from 0.1 to 0.30 when the activity ranges from

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

Investigation of the radioactivity ... S/169/62/000/012/032/095
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0.16 to 0.91 μc. The analytical data for these rocks coincide with the data pertaining to rocks from the Baia Borca area.
[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, Nicolae, prof.; VISCRIAN, I.

Modern methods in measuring the terrestrial magnetic field. Studii fiz tehn Iasi 13 no.1:51-64 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Calinicenco).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, N.; VISCRIAN, I.; LOZNEANU, E.

Radiometric method of determination of potassium in rocks. Studii fiz tehn Iasi 13 no.2:189-193 '62.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308010003-6

CALINICENCO, N., prof. univ.

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J. of Iron & Steel Inst.
1176 Jan 1954
Foundry Practice
CALINSKI, T.

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Cutting Tools Cast by the Lost-Wax Method. T. Calinski. (*Przeglad Odlewnictwa*, 1953, 3, (6), 184–188). [In Polish]. The production of cast cutting tools by the lost-wax process is outlined. The possibilities of further developments in precision casting are discussed.—V. G.

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SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

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1. Department of Soil Science and Institute of Agricultural Experimentation and Biometry of the School of Agriculture, Poznan.

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From the letters of voluntary newspaper correspondents.
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CHIRULESCU, M., ing.; PLOSTINARU, D.; LARGU, Gh., corespondent; CALIS, Reghina, corespondenta; BARBALATA, St.

News. Constr Buc 16 no.775:1 14 N '64.

1. Head of Construction Site No.601, Tirgu Jiu (for Chirulescu).
2. Galati Branch of the Voluntary Editorial Office of "Constructorul" (for Barbalata).

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Country : RUMANIA
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24853

Author : Calistene, I.
Inst : -
Title : Realization of Corn Irrigation.

Orig Pub : Rev. gospod. agric. stat., 1958, No. 5, 6-9, 37-40

Abstract : No abstract.

Card : 1/1

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RUMANIA/Chemistry - Energy
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Jul/Dec 1946

"New Theory on the Origin of the Energy in a Chemical System, Part II," I. Ciochina, C. Calistru, 7 pp

"Bul Politehnicii 'Gh Asachi din Iasi" Vol I, No 2

Article discusses the electro-kinetic energy in electrolysis (movement of electrical particles such as electrons, ions, hydrate ions, electrically-charged drops or corpuscles, etc.), and derives formulas related to Gibbs; and Helmholtz' on electrical energy in solutions.

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CALISTRU, C.

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A new alternating-current method of preparing baths for copper and brass plating by immersion. C. Calistru. *Bull. école polytech. Jassy* 2, 495-7(1947).—Cu electrodes were dissolved in aq. KCN soln. ranging in concn. from 0.25% to satn. by passing 60-cycle a.c. for $^1/_4$ to 8 hrs. at a c.d. of about 7 amp./sq. dm. and terminal voltage of 0.

The resulting soln. when heated to 90° or higher is excellent for the Cu plating by direct immersion of objects of iron, steel, zinc, etc., connected to strips of Al. The Cu deposits are adherent and bright. Brass plating can be similarly accomplished by using a Zn electrode instead of one of the Cu electrodes, or with a Cu bath which has been used for Cu plating on Zn. C. F. Bonilla

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA/15/RU-C

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Kinetic decomposition of sodium amalgam in solutions of sodium hydroxide. Const. Calistru, Aurel Popovici, Cornelia Leonte, and [illegible] Helgovici. *Acad. rep. populare Romîne* (Iaşi), *Studii cercetări ştiinţ.* 5, No. 1/2, 197-213(1954).—The av. speed of decompn. of Na amalgam was variable, but it occurred unexpectedly during degradation. This phenomenon was observed during the decompn. of amalgam by H_2O or dild. and concd. solns. of NaOH at 25-50° in a cell-insol. electrode |NaOH soln.| amalgam, (short-circuit caused by the container as in the decompn. of the same unit in direct short-circuit, where the insol. electrode was placed in the amalgam). The variation was graphically traced as a function of time-amalgam |NaOH soln.| insol. electrode (at short-circuit) with ammeter. The decompn. speed could be promoted generally, if in some cases, the existence of a period was considered when the amalgam preponderantly decompd. at the fastest rate, independent of the insol. electrode. The factors which promoted the H overvoltage decreased at the insol. electrode and facilitated the decompn. speed during the most active period of the process. On the base of the modification periods of decompn. speed, amalgam and NaOH soln. circulation could be concurrent or countercurrent. After the abrupt decrease in the decompn. speed, the Na sediment could be linked to the amalgam layer, thereby decreasing its initial thickness which, in turn, generally could shorten the final decompn. time. SiC and graphite were used as insol. electrodes. A partial or total substitution of the graphite by silicon carbide increased the decompn. speed of the amalgam, but in case of substitution, the time variations in the speed of decompn. had to be considered as well as the thickness of the amalgam layer. T. Z. Denessy

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